

THE VULCAN ADVOCATE

Wishing All a "Merry Christmas" and a "Bright and Prosperous New Year."

VOL. 12—No. 22.

THE VULCAN ADVOCATE, WEDNESDAY DECEMBER 22, 1920

SUBSCRIPTION \$2.00 PER YEAR

MONEY TO LOAN

We still have plenty of money to loan on Farm lands with first mortgage security at 8 per cent interest. Intending borrowers should make application before the first of the year, as prospects are that there will be an advance in the interest rate to 9 per cent. A few Companies which we represent have already adopted the new rate. We can loan money for five to ten years with privilege of renewing for five or ten years.

Get yours at the old rate of 8 per cent

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ALBERTA

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For Children:

Toys, Dolls, Games, Blocks, Drums, Horns, Dolls chairs, Carriages, Tops, Puzzle sets, etc.

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Stationery, Kodaks, White Ivory, single piece or sets, Manicure and Toilet cases, Ganongs, Ligget's, or Willard's Chocolates, Waterman Pens, Perfumes.

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VULCAN

ALBERTA



This Store Wishes Our
Customers And Friends
A Merry Christmas

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Issuer of Marriage Licenses

VULCAN

ALBERTA

MERRY CHRISTMAS

At Christmas-tide the open hand
Scatters its bounty o'er sea and land;
Heap on more wood; the wind is chill;
But let it whisper as it will,
We'll keep our Christmas merry still.
At Christmas, play, and make good cheer,
For Christmas comes but once a year.

How time flies! Once again it is our privilege in the history of our publication to wish all our readers a Happy Christmas. It is our twelfth Christmas anniversary and on this particular occasion we hope that a spirit of real joy may occupy each heart and each home, that peace the world over, even in Ireland, may once more be proclaimed, and that goodwill towards all men may be the inspiration all may receive by entering into the spirit of a real Christmas. Let it be understood that to reach this goal of happiness we must not forget those less fortunate than ourselves, especially those who are the poor and needy within our gates.

We are entering upon a new year, and a resolution we should all make is to keep ourselves clean and unsullied, and in this we should have no difficulty in carrying out in toto. We want to make this year the best one we have ever had. A new standard for Canadian manhood has been set by those who gave their all, and with this always before us, let us go forward with a determination and courage to make 1921 a brighter, better and happier year than has been.

STOCK COMPANY COMING

The people of Vulcan and district are to be given a rare treat on Friday and Saturday evenings, December 24 and 25, at the Opera House, when, through the untiring efforts of the management on their behalf, the Maud Somers Stock Company will play here. This company is recognized as the best on the road and have played over this territory for the past three years and by giving the public the kind of entertainment they want they have become very popular. The company consists of 11 people, all artists, and they also carry their own scenery and lighting effects and put on a different play each night. The management of the Opera House had to put a heavy guarantee to bring this attraction to Vulcan and it is up to the people of town and district to see that he does not fall down in this venture because it was entirely for their benefit that the attraction was secured. The price of admission, which is \$1.00, is within the reach of all and it is to be hoped that capacity houses will be the order at these performances.

WHIST DRIVE

A very pleasant social evening, and whist drive was held in the I.O.O.F. Hall on Thursday evening last by the members of the local Oddfellows lodge. About thirty-five members and their friends took advantage of the occasion and the time passed merrily with cards and music until about 11.15, when a delightful supper was served. Mrs. Jack Marshall won the first prize for ladies while Mrs. McPherson, who had to leave her table for awhile and whose place was taken by Mr. Clyde Hall, won the first prize for gentlemen which Mr. Hall refused to accept. Miss Mutz won the ladies' booby prize and Francis Rench the gentlemen's booby. The music was supplied by Messrs. J. McCutcheon, W. O. Torgerson and Herb. Avery.

BAND DANCE

The dance put on by the Vulcan Citizen's Band in the I.O.O.F. Hall on Friday evening was attended by the usual large crowd of pleasure seekers from town and district. Everybody was out for a good time and certainly got it. Dancing started about nine o'clock and it was one continual round of pleasure from start to finish. The music was exceptionally good and demonstrated the ability of this organization as a first class orchestra as well as a band. Everybody was kept busy until about one o'clock when the gathering broke up, tired, but satisfied with life.

Mr. H. L. Stack spent several days in Calgary last week on business.

ANNUAL MEETING

The Annual Meeting of the Vulcan Agricultural Society was held in the basement of the I.O.O.F. Hall on Wednesday, December 8th, with the President, D. H. Galbraith, in the chair. Among those present were Mesdames Lucas and Hutton and Messrs. G. Galbraith, P. McIntyre, R. L. Elves, W. Bowie, A. C. Middleton, A. Larson, J. Fulton, W. Robson, J. C. Colwell and the Secretary, W. A. Howes.

After the minutes of the last annual meeting was read and approved, the reports, (a) to (g) required by Section 23 of the Agricultural Societies Ordinance were given by the Secretary and accepted by the meeting.

The election of officers for the year 1921 then followed and it was moved by W. Bowie, seconded by J. C. Colwell, that the old board of Directors be re-elected with the exception of Mesdames Peterson and Larson, who had intimated that they would not be able to accept office. Mesdames Lucas and Hutton were then elected to fill the vacancies and the number of Directors were also increased from nine to eleven members by the addition of R. L. Elves and Geo. Galbraith. The official auditor of the Society, Mr. R. L. Elves was also re-elected.

The officers for the ensuing year are as follows:

President—D. H. Galbraith; 1st Vice-President—Geo. L. Ecker; 2nd Vice-President—J. C. Graham; Secretary-Treasurer—To be appointed at first meeting of new Directorate.

Directors—Mesdames Martin, Lucas, and Hutton; Messrs. D. L. Doane, Geo. Todd, O. L. McPherson, S. Washburn, M. Hill, W. Bowie, Geo. Galbraith and R. L. Elves.

RUSHFELDT—IRVINE

The marriage of Mr. Emmanuel Rushfeldt, of the Vulcan district, to Miss Viola Irvine, of Ensign, took place in Calgary on Wednesday, December 15th. They returned home on Thursday and in the evening a wedding dance was given in their honor, which was attended by a large number of friends from Vulcan and surrounding district. Dancing was indulged in until about midnight when a delightful supper was served to which everyone did justice. Dancing was again resumed and kept up until about 2.30, when the gathering broke up tired but happy.

HACKETT—POUNTNEY

The marriage of Albert Hackett and Odessa Pountney, both of Kirkcaldy, took place on Thursday, December 16, at the home of the bridegroom's mother, Mrs. Bertha Hackett, at 3 p.m., the Rev. A. E. Hayes, of Vulcan, officiating. About twenty-five friends from Calgary and Kirkcaldy district were present and after the ceremony a reception was held after which a dainty supper was served. The happy couple left on the evening train for Calgary where they will spend a short honeymoon before taking up their residence in Kirkcaldy.

PAINFUL ACCIDENT

While bringing a load of grain to town on Friday last, Mr. Carl Shear suffered a very painful accident by having the arch of one foot broken. It appears that when near town one of the tugs of the harness became loose. He stopped and got off the wagon to adjust it and just as he reached the ground one of the horses started, which brought the front wheels of the wagon round and the one at the side on which he was standing went over his foot with the above result. Mr. Shear was brought into town and the injured member attended to by Dr. Carson and put in a cast.

Vulcan Catholic Church
Xmas Day
High Mass
AT
11 o'clock
Rev. Father McLaughlin

KIRKCALDY NEWS

Mr. Frank Liedfield spent a few days in Calgary last week on business. Mr. C. A. Johnston, of the Purity Flour elevator, has returned home, after spending some time in Calgary, suffering from a very severe illness. The Union Church is busy preparing for a big Christmas tree and entertainment.

Mr. Parks, who has been in charge of the Beaver Lumber Co.'s yard at this point for the past few months has been transferred to Champion, owing to the closing of the yard. Mrs. Bertha Hackett was a Vulcan visitor on Saturday last.

COMMUNITY CLUB NEWS

An enthusiastic meeting of the executive officers of the Vulcan Community Club was held at the office of Hagerman and Company, on Thursday night, when it was decided to hold the Annual meeting in the basement of the Oddfellows Hall on Tuesday evening the 28th instant, at which a report of the activities of the Club for the past year will be read, and officers for the ensuing year elected. This meeting will take the form of a smoker, and will be open to members of the club only. The present executive certainly feel that the results obtained from the activities of the club during this year fully warrant the business men and farmers of the town and district keeping it going and a live active organization, and a drive for a larger membership will be made. Any person wishing to become a member of the Club, will please call and see Mr. Colwell, the Sec.-Treas.

LOCAL ITEMS

Miss Lofty was a Calgary visitor over the week end on business.

Mrs. T. L. Berringer, of Dalia, spent a few days in town last week, the guest of Mr. and Mrs. Dan Berringer.

Miss Maynard, of Champion, was a visitor in town over the week end the guest of the girls at the telephone office.

Miss Ethel Hodge, who has been spending a few days at her home at Granum, returned to Vulcan on Monday and resumed her duties at the Bank of Hamilton.

The splendid Christmas cake which was made at the Vulcan Bakery for the Catholic Ladies' Aid and raffled by them on Saturday last was won by Miss Spanke who lives near Vulcan.

McIntosh Red Apples for the Xmas Trade.—4X Market.

Mr. W. Rolston, caretaker of the Vulcan skating rink is busy these days preparing the sheets of ice for the use of the local curlers and if this weather keeps up games will be in progress at the end of the week.

Rev. Dr. J. T. Ferguson, whose son George recently won the Rhodes scholarship, addressed the Sunday School of the Union Church, and took the services in the evening. In the afternoon he paid a visit to Alston.

Don't forget to attend the shows of the Maud Somers Stock at the Opera House on Friday and Saturday evenings next. A different play will be presented each night.

Mr. McKenzie, a former member of the staff of the Bank of Hamilton at this point, has again been transferred here from the Champion branch and assumed his new duties on Monday last.

Born—On Monday, December 20th, to Mr. and Mrs. R. E. Dodds, of Vulcan, a daughter.

Get your Xmas Poultry at Allens.—The 4X Market.

The Vulcan Pierrots left for Milo on Wednesday where they will give their entertainment by special request.

Mr. and Mrs. C. W. Robson were visitors to Calgary for several days last week.

Mr. W. A. Smith left on Friday evening last for Indiana where he will spend the winter months.

Mr. R. H. Carson was a visitor to Calgary for several days last week on business.

Mr. and Mrs. James Darling left for Edmonton on Friday last, where they will spend Christmas and New Year holidays visiting with relatives and friends.

The members of the Adult Choir of Vulcan Church are requested to attend a special practice in the Church on Thursday evening at 7 o'clock. A special anthem is to be rendered at the evening service on Sunday next and it is necessary that all members be present to make it a success.

The Red Cross Women's Institute will give a dance at the Red Cross Schoolhouse on Monday, January 31st, 1921. Come and have a good time.

Mr. K. Brown, ledger keeper at the Bank of Commerce, left on Saturday evening for his home in Vancouver, where he will spend his vacation visiting with relatives and friends.

The Red Cross Women's Institute met at the home of Mrs. Dunham on Wednesday, December 15th. Among the business discussed was the program for the coming meetings and it was decided that they would give a dance on Monday, January 31st, in the Red Cross Schoolhouse. The next meeting to be held will be an apron meeting.

If you cannot make up your mind as to what kind of present you should give to your wife, husband, father, mother, sister or brother, just peruse the advts. of our merchants whose stores are replete with all kinds of goods suitable for gifts and act accordingly. You will get just as good satisfaction as you would by going to Calgary to choose one.

A meeting of the Vulcan local of the U. F. A., will be held on Wednesday, December 29th, at 2 p.m., in the I.O.O.F. Hall.

In a letter to the Advocate from Mr. A. M. Trail, late manager of the Bank of Hamilton at this point, he wishes us, on behalf of Mrs. Trail and himself, to thank all their good friends in Vulcan, through the medium of these columns, for the beautiful and useful gifts presented to them and also for the splendid send off upon leaving here. Mr. Trail also says: "We believe we will find our new surroundings very agreeable, but shall always look back with pleasure upon the many happy days spent in Vulcan, and upon the many friendships we formed there."

The pictures shown at the Opera House last week were again exceptionally good and greatly appreciated by the large numbers present at each showing. Thursday evening, "His Wife's Money," featuring Eugene O'Brien, was full of adventure and romance and well worth seeing. Saturday evening "A Knickerbocker Buckaroo," featuring Douglas Fairbanks, was about the best picture ever shown here and this coupled with an exceptionally good Harold Lloyd comedy proved to be a very attractive program which was well patronized and appreciated.

All Saint's Church, Vulcan

On Christmas Day, December 25th, there will be a Celebration of the Holy Communion in the Union Church (which has been kindly lent for that purpose) at 11 a.m.

The Annual Meeting of the Congregation of All Saint's Church will be held after the Evening Service on Sunday, January 2nd, 1921.

Vulcan Advocate

J. DUFFIELD, Managing Editor
Published every Wednesday in the heart of a wonderfully rich farming and ranching district.

Subscription—\$2.00 per year; foreign countries \$2.50. Exchange must be added to cheques.

Advertising Rates on Application
All copy for advertisements must be in this office at not later than 6 p.m. on Monday if they are to appear in the issue of that week.

General Commercial Printing

CHRISTMAS

A Merry Christmas to all! Ours is a land of plenty for all who can and will work. It is the world's last great west. It has taken nature thousands of years to make the soil fertile. It has taken many thousand centuries to give us coal, and statistics go to show that there is enough of this fuel to last many generations. We have a sky of wonderful clearness, and an expanse of prairie that is the envy of other countries.

These are the things that have been given us. They are one source of wealth, but only one. It is not what is under the soil, or in the soil, but what is on the soil—man—that makes the difference between a livable land and a place where life is a burden.

Happy the district possessed of a few liberal minds and a few good hearts. One such citizen will advance an entire community. The Christmas spirit is "Peace on earth, good will to men." It is also "Glory to God in the highest." It is the spirit that liberal minds carry with them throughout the year, and because their hearts are right, their influence advances and therefore enriches a community. We have plenty of material wealth. We need to match this with wealth of spiritual things—greatness of character, largeness of mind—that which enables us to turn our faces towards the light, to look on the bright side of life, to believe in men, even when they have ceased to believe in themselves. To believe in the purpose of life, and an all-wise Providence. Then in all our work, men will say of us that we touched nothing that we did not adorn; that we left earth better than we found it and because we lived our community is the richer for our presence. This is the Christmas spirit—it pays allegiance to the Brotherhood of man and the Fatherhood of God; and gives a meaning to existence and a richness to it, that can never be done by mere material wealth. Let us at least concentrate to life a radiant personality.

A. E. HAYES.
TO MR. CRERAR'S CREDIT

It is greatly to Mr. Crerar's credit that, in the initial speech which he delivered at Winnipeg as the accredited leader of the "National Progressive Party," he talked very plainly with regard to soldiers' re-establishment and made no attempt to secure a passing political favor on the issue. His attitude contrasts strongly with that of the opposition leader, Mr. King. Mr. Crerar, it should be remembered, entered a Union government for the purpose of bringing about a united prosecution of the war, which Mr. King opposed. Mr. Crerar told the Winnipeg audience that "a further gratuity to all our returned men" was an impossibility. But it must never be said, he continued, of the people of Canada, that they refused or neglected to give full and adequate care to those who returned, "bruised and shattered and unable to make their own way in life." The government had already, he added, embarked on a plan of generous assistance, and he was glad to bear his tribute of acknowledgment that the work the government has done in this respect appears, on the whole, to have been well justified.—Edmonton Journal.

A PARADOX

It is somewhat paradoxical that while the United Farmers are bewailing their lot in Ontario, protesting their poverty, and painting pictures of hardship and distress, the minister of agriculture in the Farmers' government, Hon. Mr. Doherty, has visited Great Britain for the purpose of promoting emigration of farmers to his province. In a recent communication from across the sea, Hon. Mr. Doherty says:

"I believe that the spring of 1921 will bring to Ontario ten to twenty thousand farmers and farm laborers. These will be recruited to some considerable extent from the ranks of those who have some means. The breaking up of large estates in England and Scotland has resulted in many tenant farmers deciding to sell out and move with their families to Canada. These families frequently have from five to fifteen thousand dollars, and they will constitute a very highly desirable addition to our population."

EDITORIAL NOTES

See your bank manager about your wheat certificate, and have it cashed at once, for after December 31 they will not be recognized.

Premier Stewart, of Alberta, accompanied by Premiers Martin of Saskatchewan and Norris of Manitoba were at Ottawa this week discussing our natural resources with the Federal government. Western premiers ask for absolute harmony between the east and west.

There was a fall of snow the beginning of this week which was very appropriate for the Christmas season. There has practically been no snow this winter and the recent fall has settled the dust and supplied the moisture so much required for livestock grazing in the open.

A Nova Scotia Liberal says that their party is broad enough to include all groups and he insists that the only party big enough and broad enough to take in all the groups that are forming is his party. If the Nova Scotia politician will make a survey of conditions he will find that the party that appears to be doing most of the absorbing and winning of groups is the Progressive Party as they call themselves.

The value of having a system of waterworks and an efficient volunteer fire brigade was illustrated on Sunday morning last when fire broke out in the Shamrock restaurant, now owned by Kwong Chong. The fire leaders used intelligence in combatting the flames with the result they confined the damage to a portion of the building. With a good pressure of water directed in the proper place it was impossible for the flames to get beyond control.

Miss Cora Hind, who is recognized throughout Canada as an expert on agricultural matters and who has toured the western provinces, made the statement recently that in the course of her journeys she had seen thousands of acres of land knee and waist deep in tumbling mustard and Russian thistle, and the pity of the whole situation was the fact that many of the settlers regarded the matter with complete indifference. She advises getting this land back to grass as soon as possible.

It is expected that upward of 1,500 delegates will attend the U.F.A. convention at Edmonton in January, 1921. With the experience of the past year the majority of these men will be in a serious mood and the hope of all is that the farmer in future will secure fairer returns for his labors than he has in the past year. It is from such conventions that good things follow and as the farmers have rendered a service to the dominion and the world at large in increasing crop production it is only fair that they should have a fair return for their services.

Senator Lenroot, of Wisconsin, is a man who is not given to twisting the lion's tail. At Toronto recently while speaking on the Canadian Deep Waterways scheme, said, the only way to bring the Atlantic to the Great Lakes was by deepening the St. Lawrence river. The project was a national one and if the ocean going boats were on the lakes today Canadian farmers would save \$20,000,000 this year in the transportation of the wheat crop. The U.S., he thought would co-operate with Canada in the project. As regards to one objection that the war vessels of Great Britain would come up the lakes and destroy United States cities, he said it was inconceivable that these countries would ever go to war.

It is now urged that with the increase of freight rates, parcel post rates should also be increased.

The wheat yield in Great Britain was the lowest this year for some time, the average being 28.5 for wheat; barley 31 bushels; oats 38; beans 31.3; peas 27.4.

There was a brisk demand for R. J. C. Stead's new novel and the Blair store sold their quota 'the first few days after placed in stock. It makes a very suitable gift for a friend. Have you read it yet?

Accident insurance companies now declare that the home is the most dangerous place to live in. They produce statistics that 25 per cent. of all disabling accidents that happen to people are incurred at home. The reason for this is supposed to be caused from the fact that while at home the average man is not as cautious as he is when away.

Miss Coultry, of Okotoks, was the winner in the Albertan subscription competition, when she secured a Ford Sedan for the largest number of subscriptions.

A Merry Christmas

And

A Happy New Year

To All Our Customers

F. L. Simington & Co.

Fresh Meat Crockery and Groceries

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Do You Know:

That the best Xmas present you could possibly make to your wife and family, would be a policy for life insurance in some good reliable company?

That for a small sum deposited annually with the **GREAT WEST ASSURANCE COMPANY**, you can protect your wife and family from untold hardships if you should die?

That we are exclusive agents for the **GREAT WEST** which has written the largest business of any Canadian Company for the past eleven years? Policies issued **THIS YEAR** to **OCTOBER 31st**, aggregate \$52,928,517.00?

There's a reason. Get our rates before placing your application.

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C. E. COLWELL, Manager
LANDS — LOANS — INSURANCE — CONVEYANCING

Compliments of the Season



One Resolution

you should not fail to take this New Year, is to have your Suits tailored by us. Our Fit and Style cannot be equalled anywhere at our prices. We want you to see our new line of Cloths and we also carry everything in Men's Furnishings.

PETER GILLESPIE

"Vulcan's Merchant Tailor"

Phone 126

BAGPIPE ORIGINS

An argument as to the origin of bagpipes had waxed loud and long between a Scotsman and an Irishman, each of whom claimed that his own country had produced the instrument.

Finally the Irishman clinched matters by remarking:

"Well, the truth is, the Irish invented the pipes and made a present of them to the Scots. And the Scots haven't seen the joke yet!"

Throughout Alberta the slogan is "Do your Christmas shopping early," don't Tilt-Bits.

"THE ICE"

An amusing incident occurred at a living bridge tournament.

A well-known woman who was impersonating the queen of hearts was accosted by a fellow performer whose accent suggested that her cradle had stood within the sound of Bow Bells.

"I'm looking for the icees," she said. "Have you seen them?"

"Icees?" said the queen of hearts. "Are there any icees? How delightful. I'm horribly thirsty!"

"I don't mean those kind of icees," was the rather hurt rejoinder. "I'm looking for the ice of spades!"—Lon-Bits.

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Also the famous

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Lodge Directory

VULCAN LODGE—No. 74, A.F.

A.M., G.R.A. Regular meetings on

the Tuesday on or before the full

moon. Lodge of instruction two weeks

before the regular meeting. Visiting

brothers welcome.

A. M. Trail, W. M.

F. M. Anderson, Sec'y

I. O. O. F. SAMARITAN LODGE—

No. 91, Vulcan, Alberta. Lodge

meets every Wednesday, at 8 p. m.

Visiting brothers welcome.

R. FERGUSON, N. G.

H. MARCELLUS, Rec. Sec.

VULCAN ENCAMPMENT, No. 14

I.O.O.F. Regular meeting 2nd and

4th Mondays at I.O.O.F. Hall. Vis-

iting Brethren welcome. H. C. Hanna

P.; H. W. Marcellus, Rec. Scribe.

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Contracting On Plumbing And Heating

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VULCAN Phone 58 ALBERTA



A bunch of cattle from the Muirhead district were shipped by Pete Comrie to the Vancouver Pacific Meat market. The steers averaged about 1400 pounds each and the price paid was around the 10 cent mark.

Mr. Roderick McLeay threshed over 20,000 bushel of rye on his farm south west of here.

ESTABLISHED 1872



BANK OF HAMILTON

VULCAN BRANCH
L. A. WRIGHT, Manager

It often happens that when a husband dies his wife is unable to obtain any ready money until the court proceedings are completed. A joint account in the names of both husband and wife insures against this possibility. Open a joint account in the names of yourself and your wife with the Bank of Hamilton.

Xmas Gifts

Moir's Fancy Box Chocolates. 1-2lbs. and lbs.

Fresh Fruit, Canned Fruit, Soft Drinks,

Cut Plug, half pound and pound sizes,

Fresh Smoking and Chewing Tobacco,

Cigars in Fancy Boxes

Calgary Crystal Dairy Ice Cream and Brick for your Christmas Dinner.

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"Who sows no seed, no harvest reaps"

The BEST CHRISTMAS GIFT

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A small monthly payment, or a lump sum, paid in advance, will assure to young and old a Canadian Government Annuity of from

\$50 to \$5,000

a year for life payable monthly or quarterly. May be purchased on a single life, or on two lives jointly. Employers may purchase for their employees.

Apply to your postmaster, or write, postage free, to S. T. Bastedo, Superintendent of Annuities, Ottawa, for new booklet and other information required. Mention age last birthday and sex.

THEY WERE TOO HILARIOUS

(From High River Times)

On Sunday morning last about 2 o'clock two young men residing in our town, while walking down the street opposite the High River Motor garage and singing in different keys, were approached by Constable Holtum, who was dressed in civilian clothes, and asked them to desist their disturbances. They paid no attention to the warning and later Mr. Holtum put both under arrest, taking them by the arm they walked down the street and while opposite fourth street one of the men struck Holtum a forcible blow and both got away to their lodging rooms where they were found later by the police and were removed to the lock up for the night. Following morning they were released on bail. Tuesday morning they appeared before magistrate McCorquodale on a charge of disorderly conduct to which offence they pleaded guilty, expressing regret for their unseemly conduct as they did not recognize Constable Holtum as an officer of the law. The magistrate in imposing a fine of \$25 and costs on the offenders, said he was actuated by the circumstances of the case. It was a serious offence to resist arrest and attack an officer of the law, but in this case he accepted the evidence of both men when they declared that they were not aware of the identity of the man who put them under arrest. Both men are highly respected citizens of the country and they were entitled to the leniency of the court. Being their first offence Magistrate McCorquodale made the fine only \$25 and costs.

THE LUMBER MARKET

Owing to the slow movement in the lumber business and the large stocks of lumber being carried over in the local yard we regret to state the Wilson Lumber mill will not be operated next summer and no logs for sawing purposes are being cut. This condition is true of nearly all the lumber manufacturers in the northwest, there being no demand whatever for building material. The only stock of lumber in the west will be that which is now standing piled in the various yards and these will soon be depleted if building activities increases next spring. Then again lumber will be at a premium and the price may go up. This condition illustrates the uncertainty of the lumber market as well as the future selling price of lumber and explains why manufacturers are loath to go ahead with lumbering operations. With lessened credits from the banks the logging interests can not be expected to operate.

Charles G. Beeching, the Dewinton rancher, is now a licensed aviator under the Canada Air Board.

HIGHWOOD ICE

Having made alterations in our Ice Equipment for an Improved and Enlarged output, we are now ready to accept orders for timely deliveries, in car lots, of

HIGHWOOD ICE

and Sawdust or mixed cars of both if wanted
Order now to ensure delivery. Your wagons loaded at Mill. Write or Phone 16, High River, for prices.

The Wilson Lumber Co., Limited

HIGH RIVER

ALBERTA

SCHOOL LAND SALES OVER \$2,000,000.

Portion of This Money Will Come to Province Yearly for Educational Purposes.

School land sales held during November under the federal authorities in Alberta realized \$2,049,153, the total land sold being 115,608 acres at an average of \$17.73 per acre. This fund goes to the federal government, but the province will benefit to the extent of about \$100,000 yearly, which amount will be added to the \$700,000 which is given for educational purposes. Following are results of the sales in some of the principal districts, as tabulated by the government officials:

Donalda—21,660 acres sold for \$435,632, an average of \$20.11 per acre.
Viking—8,576 acres sold for \$149,621, an average of \$17.45.
Leduc—11,872 acres were sold for \$269,299, an average of \$22.68.
Wetaskiwin—17,424 acres were disposed of for \$292,920, an average of \$16.81.
Consort—4,291 acres were sold for \$63,854, an average of \$14.82.
Innisfail—1,577 acres were sold for \$19,769, an average of \$12.54. Practically all this land was remote from the town.
Didsbury—4,899 acres were sold for \$80,754, an average of \$16.41.
Eckville—7,930 acres were sold for \$106,307, an average of \$13.42.
Cochrane—8,486 acres were sold for \$116,151, an average of \$13.68.
Macleod—10,050 acres were sold for \$99,082, an average of \$9.86.
Jenner—Only 358 acres were disposed of, the total being \$5,422, or an average of \$15.14 an acre.
Empress—2,225 acres were sold for \$31,863, an average of \$14.32 an acre.
Cardston—1,127 acres were sold for \$10,737, an average of \$9.53 an acre.
Okotoks—15,153 acres were sold for \$368,012, an average of \$24.30 an acre.

THE ARREST

By John Innes.

In this painting an incident, common enough in the early days of the great North West, is forcefully presented.

A non-commissioned officer and one constable, of the famous North West Mounted Police force, are here shown entering a large Indian camp in order to make a capture. It is a set, tense moment. The sergeant has seized the right hand of the powerfully built Blackfoot, causing him to loose the heavy buffalo knife that he has drawn; while behind a mounted constable sits with his carbine across his knees facing the excited mob of Indians. A half-breed interpreter, mounted on a scrub pony, makes an unhappy figure in a stern scene.

It is to men such as the two wearers of the "Scarlet and Gold" here pictured that Canada owes the remarkable safety of life and property which marked the formative period of the Great North West.

The fact that the artist is also a pioneer, and that in consequence the landscape, camp, costumes, gear and uniforms are faithfully portrayed, lends to this painting high historic value, apart altogether from its merits as a work of art.

This is the second issue of Scarlet and Gold, and there will be a keen demand for the same from all over Canada. The articles were written by members of the Royal North-West Mounted Police. The book is published in Vancouver.

You Need Overshoes Now!

Come and buy at lowest possible prices
Boots and Shoes
at less than Sale Prices

Vulcan Shoe Hospital
H. DAINES

HIGHWOOD ICE

The water coursing down the Highwood stream is recognized as the purest in the province and in order to supply the increasing demand throughout south Alberta for pure ice the Wilson Lumber Co. constructed a new ice chute from the mill pond to the railway siding tracks so that ice can now be delivered direct from the pond to loading cars. The daily capacity of this industry is from four to five cars and the company anticipates large orders from all points in Southern Alberta and as far east as Saskatchewan. Meanwhile they have a sheet of ice from ten to eleven inches thick with a quality of ice that is hard to duplicate. As an evidence of the popularity of Highwood ice we may say

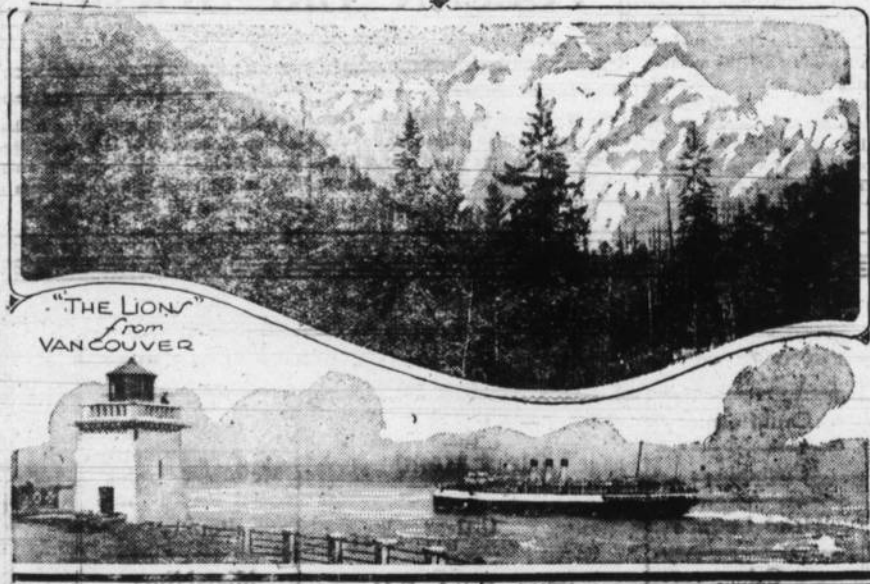
that orders are coming in from Saskatchewan points.

The plebiscite taken in the City of Lethbridge for increase in Commissioners salaries was defeated by a big majority.

John Hammil, millionaire merchant of Ottawa, who has been missing for some time past was found dead near Galveston, Texas, last Tuesday.

D. M. Duggan was elected Mayor of the Capitol City last Monday, defeating Jos. A. Clarke, who has been Mayor there for two years. Mr. Duggan was selected by the Citizens' Progressive Committee, while Mr. Clarke was the Labor candidate.

VICTORIA AND VANCOUVER ISLAND WHERE GRASS IS ALWAYS GREEN AND GOLFERS PLAY AT CHRISTMAS



FROM VANCOUVER TO VICTORIA

Vancouver Island folk pick roses in the garden when the Christmas bells are ringing, and the golfer is never off his game, so far as being able to play is concerned, because there he can drive, approach the green and putt almost every day in the year. In the fall and during the winter the grass is rich and green, and bloom is perpetual. This is due to the warming influence of the Japan current, which is the Gulf Stream of the Pacific Ocean. Vancouver Island was named after Captain George Vancouver, of the British Navy, who discovered it in 1792, and has an estimated area of 15,000 square miles. Its trees, among them the stately Douglas fir, which towers 300 feet above the roads, over which the traveller glides by automobile, or by the Esquimalt & Nanaimo Railway, which runs northward through half the length of the island, are magnificent beyond description, some of them being 6 or 7 feet in diameter. Along



THE EMPRESS, VICTORIA

the road are many comfortable hotels and country chalets, many of them like the Inns one finds on English country roads. Victoria, the capital of British Columbia, is a city of rare charm with its beautiful drives, its golf courses, its Chinese quarter, its turbaned Hindoos, its Empress Hotel and its beautiful Capitol buildings. Every year at least 5,000 American golfers visit one course in Victoria, the Victoria Golf Club course and thousands of automobiles leave Seattle annually for Victoria and Vancouver.

There is splendid inland and deep sea fishing in and on the coast of Vancouver Island, and the ambitious fisherman who really wanted to do something sensational has even gone out on the west coast waters of the Pacific and caught a real whale for breakfast. Needless to say, he did not have it served on tongs.

Specials For This Week

No 1 B.C. Spuds per 100lbs. \$3.00
No. 1 B.C. Spuds per 500lbs. \$2.90
Onions, per 100lbs. \$2.50
Sugar, per lb. 14c.
Flour " " \$5.50
Fresh Eggs, per dozen 70c.
Butter, per lb. 50c.

Fresh Meats

Stake, per lb. 25c.
Roasts, per lb. 18c.
Boiling, per lb. 12 1-2c.

Cured Meats

Ham, per lb. 50c.
Bacon, per lb. 55c.

VULCAN WHOLESALE GROCERY

W. L. BUCHER, Manager

TIRES TIRES

We have a limited number of large sizes, both

:: Cords and Fabric ::
for sale for immediate clearance at the new list price.

:: FREE ::

An Inner tube will be given **FREE** with each tire to every purchaser while the stock lasts. Get yours now at the

MOTOR INN

W. F. Jennejohn, Proprietor.

NOTICE!

Farmers wishing to procure the Famous William Penn Oil can get it in barrel quantities at

Per **\$1.15** Gallon

Home Grain Company

D. A. Berringer, Manager

VULCAN ALBERTA

CALGARY CITY ELECTION

S. H. Adams was elected mayor of Calgary by a majority of 2,402 over his opponent, Ike Ruttle.

Commissioner Samis was elected by a big majority over Mr. Broatch.

Plan No. 1 of the Gas plebiscite was carried by an overwhelming majority.

Messrs. White, Arnold and Huggill were elected Aldermen for the City of Calgary by large majorities.

A large number of Indians working in the Muirhead district have trekked off to Morley for Christmas festivities.

15,000 TELEPHONE POLES

The Wilson Lumber Company is working under a contract for 15,000 telephone poles for the Provincial Telephone Department and the work is progressing fast. The season has been ideal for such work as there is practically no snow to contend with. Meanwhile the poles are being cut and skidded with the expectation that during the month of January sleigh hauling will begin bringing the poles to the river bank in preparation for the spring drive.

HELP! HELP!!

Millions are Starving. Many are Suffering Unendurable Hardships. One Thousand are Dying Every Day. You Are Implored To Help.

North China is today facing famine said by those who have first hand information to be the worst the world has ever seen. The region involved extends from Pootungfu, in Chih Province to beyond the yellow mountains in Honan, and from the mountains of Shansi to the grand canal in Shantung. This territory is from 500 to 600 miles long and about 200 miles wide. It contains a population of from 30 to 40 million people, the greater part of this great multitude, four times as many as we have people in Canada, are suffering at the present time; and no man can foresee how many more will be involved before the wheat harvest is on which will be in June.

As usual the shortage of food is due to lack of rain at the proper season. For more than a year there was not enough rain to lay the dust. Wheat and barley sowed in their season dried up as soon as they sprang up. Failure in June did not wholly discourage the Honanese, for if rain came even in July the millet crop and beans, sorghum, etc., would mature in autumn. But rain failed to come until September, and the entire country was as bare of grass as a desert, with the result that millions are starving. There is no food for livestock, cattle, mules and donkeys have been slaughtered for food. For two months people have been obliged to eat leaves and edible weeds. What supplies of grain the wealthier farmers had was soon used up, either for fall seeding of wheat, or for food and all are alike facing starvation unless help speedily comes from Christian nations.

Heavy rains came in September which enabled many to sow large areas of winter wheat. This is now giving promise of a good harvest in June. The rich who had gave to those who had not sufficient to seed their land, but often asked for interest at the rate of 3 per cent. per month. Before that grain ripens, millions will be beyond the need of help.

Thousands upon thousands of men, women and children have left their homes and trekked westward and northward into Manchuria where the harvest was good, with the hope of securing enough to live upon throughout the winter, but after a few had crossed the border, the government stationed armed soldiers in the passes in the mountains, and compelled all to return. Many died on the way-side. Even the temples of their Gods were closed to them. The people of one city would lead them out to the next. Truly they found they had not that whereon to lay their head. Imagine a stream of people on a hundred roads, day after day, week after week, crushed with an appalling fear, fleeing they knew not where, and being turned back by armed forces, only to see their loved ones die a most cruel death. Is it any wonder husbands poisoned their wives, threw many of their children into the rivers, and left their daughters tied to trees to die alone?

The Chinese government is aroused over the situation and here and there public funds are being set aside for relief. But the government is so poorly organized, and has so many political troubles on its hands just now, and is so short of resources to meet the emergency, that the situation calls urgently for outside help. The foreign communities in North China both missionary and mercantile, are already at work on relief measures, and are laying plans to give assistance in the neediest places. In most cases the relief will be given in exchange for road and bridge building, irrigation and other work needed to be done. It is not considered wise to make paupers of the suffering, but to enable them to help themselves by giving them work to do. Men are paid by piece work for road making at the rate of 17c. for every sq. ft. of earth removed. The Chinese will not trust their own men to handle the relief funds. The government require the Christian missionary to supervise the work and distribute the money. The missionaries also serve with the civil and military authorities on the relief committees. Splendid amounts have already been contributed by wealthy Chinese. One individual has given one hundred thousand dollars to the work of relief.

Most of the Mission Schools have closed. Congregations in country districts have been broken up. Missionaries have given up hospital and other work, and are devoting themselves to the direction of famine relief work.

Desperate and lawless men are terrorizing the country. They pillage and destroy. Rich men and women are often carried off and held for ransom. Business is at a standstill, and the lack of any effective government adds greatly to the distress of the people, and renders the work of relief very difficult. The rich are

Rheumatism

Neuritis, Sciatica, Neuralgia.

Templeton's Rheumatic Capsules

Have brought good health to half-a-million sufferers.

A healthful, money-saving remedy, well known for fifteen years, prescribed by doctors, sold by druggists, \$1.00 a box. Ask our agents or write for a free trial package. Templetons, 142 King W., Toronto

Local Agent—Errett King

crowding into the cities for safety.

The situation is appalling. A stupendous task lies before the Christian world. The recent war is said to have killed six million and maimed as many more, but this famine is affecting forty million, most of which must perish unless we send relief. The Anglican Church and the Presbyterian Church have missions in the stricken regions but the need is so great that the appeal has no denominational quality. It is the fact that human beings are dying a thousand a day, and one dollar will help to keep one a month, this makes the call imperative. We cannot afford not to heed the call, whether we consider it from a national, economic or Christian standpoint.

Two hundred million dollars are said to be needed to bring relief to the starving millions. It is your financial help that is needed to save at least one of this starving multitude from a terrible death. It is a desperate race against time—will you allow time to win? The workers in the famine areas, both home and foreign, are anxiously calling and looking to you for funds to buy the food which alone can save the millions they are so splendidly trying to rescue. Delay in this crisis spells death. Give what you can while the impulse is upon you, and as you give, pray that the famine arouse in the people a true desire to get rid of sin, and to follow the truth; and that it may enable Christian people to present the gospel of Christ to many of those in need both by example and word.

Any gifts handed to your pastor, to the secretary of the U.F.A. or the U.F.W., or to the Editor of this paper will I am sure be promptly forwarded on their mission of mercy.

UNEMPLOYMENT CONDITIONS

As an evidence of unemployment conditions at present and a keen desire on the part of men to get into a berth for the winter where they will be ensured of sustenance until the spring time, it was amusing to witness about a week ago the scramble for positions up at the lumber camps. One morning the company's auto truck started for camp with eighteen men, bag and baggage piled thereon. They were hanging on the sides of the truck and one was astride the radiator. Three months ago it was impossible to get men to work on farms or in lumber camps for less than \$6 and \$8 per day. It is quite different to-day, the men considering themselves lucky to get even board and room in exchange for their work on farms.

R. Thomas & Co.

Winter Sale Now On

Rubbers And Overshoes

Boy's and Girls Overshoes, reg. \$2.75, Sale. **\$1.95**
and **\$2.25**
Men's Overshoes, **\$4.25 and \$5.50**
Men's Rubbers, **\$1.80**
Womens Rubbers, **\$1.35**
Misses Rubbers, all sizes **95c. and up**
Boy's Rubbers, in all sizes **\$1.30**

Ladies Waists

Tax All Off Of Ladies Waists

Ladies Voile waists **\$1.95 to \$7.25**
Ladies White and Black silk waists **\$7.25**
Ladies Crepe-de-Chine waists **\$11.50**
Ladies Georgette waists **\$10.95**
Ladies Handkerchiefs from **10c. to 85c.**

Men's Wear

Men's two pieces underwear, per gar. **\$2.10 and \$2.50**
Men's fleece lined combinations. **\$2.95**
Men's Ribbed wool combinations, **\$4.25**
Stanfields Underwear two-piece and combination
Men's Ties, **75c., \$1.00, \$1.50 and \$2.25**
Men's Silk Socks, **\$1.25**
Men's Cashmere Socks, **85c. to \$1.65**
Men's Handkerchiefs, **25c.**

VULCAN

ALBERTA

Compliments of the Season

To All Our

Customers and Friends

Accessories, Gas and Oil

See H. KEHL or Phone 54

VULCAN TIRE STATION

Next to Post Office

H. W. Wood, speaking at Toronto, said that farmers cannot unite with labor. To use his own words "you cannot put two economic viewpoints into one body."

Edward Reardon suffered a broken arm on Wednesday of last week, when upon cranking a Ford car the crank flew back hitting Edward on the arm thus causing the break.

Especially around Christmas time do you think of a real comfortable home? Let us help you plan to take full advantage of lowered building costs.

Beaver Alberta Lumber Ltd.

In Your Town

Vulcan Agent—John Dewie

Kirkcaldy Agent—A. D. Park

PHONE 7

House Phone 7, Ring 3

Cauliflower

Cucumbers

Head Lettuce

Celery

Beets

We Extend

To

One And All

The

Cranberries

McIntosh Apples

Poultry

Mixed Nuts

Fresh Oysters

Compliments Of The Season

We Sell Fresh Cream

WM. DYCE ALLAN

4 X MARKET

VULCAN

"When Quality Counts We Win."

Say It With Chocolates!

We have a very fine assortment of **Fancy Box Chocolates** of all sizes, also a splendid display of **Silk Handkerchiefs** that are very suitable for Xmas Gifts.

Does He Smoke?

if so, get him one of our Christmas packages of **Cigars or Cigarettes**.

Ice Cream

Place your Order now for **Brick Ice Cream** for Christmas.

The Up-To-Date Confectionery Store

LEM BROS. Phone 30 Vulcan, Alta.

SUNFLOWER SILAGE

By F. O. Bennis, Manager of the Round T Ranch

We have pleasure in reproducing as fully as we possibly could the address delivered by Mr. Bennis on "Sunflower Ensilage." The subject is of such importance that even in this Christmas season it should make interesting reading for our subscribers. In the latter part of the article we were obliged to economize in space hence the brief sentences. However, the facts are all contained in this article and we hope it may prove of benefit to our readers:

I want to preface the little that I am going to say about sunflowers and ensilage, by stating that I have no expert knowledge about this subject, having never until this spring put in a crop of sunflowers. I have never fed silage and have not yet started to feed ours. There is, however, much evidence showing the value of silage as fodder and plenty of evidence showing the value that sunflowers make good silage. I shall be glad to tell you what I can of our experience to date and something of the reasons which led me to think that the crop is likely to be a fairly safe one in our district, and a valuable crop if it does thrive under our conditions.

For a long time sunflower seeds have been used as a poultry feed and to some extent for stock feed but did not reach a position of any importance. About 25 years ago sunflowers were tried out as an ensilage crop in Maine and were favorably reported upon but were evidently considered as not worth any special consideration in a country where corn, the stand-

ard ensilage crop, could be successfully grown.

The matter rested here until about 6 years ago when the Montana Agricultural college at Bozeman, Montana began experimenting with them under conditions where corn was not a safe crop and obtained encouraging results from the start. Their trial has now reached the point where they have, as they state in one of their bulletins on the subject, discontinued other fodder crops for ensilage. They have carried on their work in a scientific and practical way, and their tests indicate that the silage is pound for pound equal to corn silage as a ration for livestock. Similar tests have since been made at the Manitoba Agricultural college and at the C.P.R. farm at Strathmore and at many other places, and so far as I can discover, the silage has in every case proved to be satisfactory.

These many independent tests therefore offer the most convincing evidence of its practical value, and the evidence is so overwhelming that in my own mind there is no longer any question whatever of the value of sunflower silage. So far as I am able to judge the only question that the stockmen needs to ask himself regarding it is whether or not he wants to use silage, and if he does then whether he can grow sunflowers.

Now at this point of the discussion it might be well to examine briefly the evidence in favor of using silage

of any kinds and to ask whether it is a good feed, and whether it is an economical feed?

The first bit of evidence that points to the desirability of silage as a feed is the fact that the number of silos in Canada and the U.S. has increased from about 100 in 1882 to 500,000 at the present time. At a guess we might assume that these silos have a capacity of say fifty tons each. If they do have, that would mean the feeding of 25,000,000 tons of ensilage a year. No further evidence than that is needed. Anything fed in such quantities as that is not merely a good feed, it must be a remarkably good feed and remarkably efficient from a cost standpoint. If it were not it would not by any possibility have reached such stupendous proportions. As to just what sort of feed it is I think I can do no better than consider the statements made regarding it in Henry's "Feeds and Feeding," which is I am told perhaps the greatest authority on feeds. This book says:—

"A test was made at the Illinois station with 50 grade beef calves, feeding a daily ration of 4 lbs. mixed hay, 2 lbs. oats with corn silage and the same ration but with corn in place of silage. The calves gained 560 lbs. on the silage than on the corn, which would seem to indicate silage as an excellent feed for beef calves."

In paragraph 577 he says: "Silage is pre-eminently a feed for the dairy cow. In almost equal degrees it is a necessity with breeding cattle, growing stock, and young animals, which would otherwise be wintered exclusively on dry forage. Given to the breeding and growing stock, silage tends to keep the bowels normal, the body tissues sappy, the skin pliant, and the coat glossy, all of which mark the animals as in condition to make the most of their feed. This is also true of fattening cattle. At the Utah Station, Sanborn found that flesh of steers fed ensilage contained 6 per cent. and that of sheep 2 per cent. more water than the flesh of others fed dry forage. If cattle are at their best on summer pastures, then winter conditions which most nearly approach those of summer are to be desired. Those interested in purebred beef cattle and beef production who do not use roots for their stock in winter should take lessons from dairymen who feed silage. Silage can be advantageously fed in moderation to breeding ewes, especially after they have weaned and to fattening sheep and lambs. It may also be used in a limited way with idle horses and those not hard worked in winter, especially brood mares and growing animals. The high fibre content of corn silage plainly indicates that it cannot be successfully used to any extent in swine feeding."

In paragraph 575 he says:—"Because of the unique position of the corn plant in America, it is usually unwise for the American beef producer to undertake growing root for cattle as does the English farmer. Let him, instead, increase the corn crop and turn a portion of it into succulent silage which serves all the functions of roots for growing and fattening cattle, at but a fraction of the cost of roots. The time is at hand when cattlemen in the great corn belt of America should recognize the great possibilities, importance, and economy of corn silage from heavily eared corn for growing and fattening beef animals. While silage is highly useful in wintering beef cows and growing cattle, it is also needed in the feed lot because it furnishes a most palatable, succulent roughage, greatly relished by cattle subsisting for the most part on corn, which is a heavy concentrate which needs some light juicy supplement like corn silage or roots to balance it up and lighten it in the digestive tract. Indian corn, along with clover or alfalfa hay, and a moderate allowance of succulent corn silage furnish a combination unequalled by any other for economy of production and the quality of flesh it will build and the fat it will lay on. For growing cattle and those in the first stages of fattening from 30 to 40 lbs. of silage may be profitably fed to each 1,000 lb. steers. As fattening animals approach maturity, the silage allowance should be reduced to 20 or 25 lbs. daily per 1,000 lbs. of animal, though some feed it freely till the steers leave the feed lot."

In paragraph 364 he says:—"On too many farms stock cattle barely hold their own during winter. This means that for half of each year all the feed consumed goes for body maintenance, returning nothing to the owner, and serving only to carry the animals over winter and to pasture time, when they once more begin to gain in weight and thereby really increase in value. By the use of corn silage, combined with other cheap roughages, young cattle can be made to gain steadily all winter at small cost, so that with the coming of spring they will not only have increased in weight but are in condition to go on pasture and make the largest possible gains."

I believe, therefore, it would serve no useful purpose to look for further evidence to show the desirability of ensilage in localities where it can be successfully put up.

This brings us to the second part of our enquiry, namely, do sunflowers make good ensilage and can they be successfully grown in our district?

I have collected a good deal of information bearing upon character of sunflower silage which I could tabulate and give you but I do not think it is necessary to take the time to go into it in such detail for the reason that so much has been said and published on this point in the past year that you are all doubtless as familiar with it as I am.

Tests have been made at Agricultural colleges and Experimental Stations and on farms and the evidence to date all point to the fact that sunflowers do make first class silage. And in addition to that, their yield per acre is far heavier than any other known crop. It is amazingly heavy. At Strathmore under irrigation they raised in 1919 an average of 34½ tons per acre. At Bozeman they obtained 44 tons. That seems almost unbelievable but in both instances the figures come from reliable sources. In a year of normal rainfall in this district I should be inclined to look upon 15 tons per acre as a safe figure to count upon on irrigated land and in a favorable year I should suppose the yield would be twice that figure, assuming of course proper methods of cultivation. I think therefore it is entirely safe to assume that sunflowers make ensilage probably equal to corn and that they yield much more heavily. And in addition to this it has been fully proved that they are and can therefore be grown in latitudes and altitudes where a corn crop is not possible.

These at any rate are my conclusions and are the reasons which have led me to give the crop a trial on a scale considerably larger than I would have done if the evidence had been less convincing.

As to whether sunflowers are a safe crop in this district year in and year out, no one can answer with certainty. My own belief is that every so often there may come a summer frost that will do this crop considerable damage and possibly serious damage. I cannot, however, from more or less diligent enquiry find anyone who has ever known sunflowers to have been killed by frost in the summer in this district. They have withstood at the Experimental station at Scott, Sask., 12 degrees of frost in June and 3 degrees in September without serious damage and I believe that the frost damage is not sufficiently great to prevent anyone from starting to using them on a reasonable scale. Possibly once in 10 or 15 or 20 years the crop will be entirely destroyed by an untimely freeze. But that happens to our other crops and I think that the chances are in favor of a sufficient number of unfrosted years to make the use of this plant successful.

This year our sunflowers were frosted on August 28th on a night when our beans and potato tops were killed. We lost many of the leaves but the stalks were undamaged and we lost possibly 10 per cent at a guess of the bulk through these frosted leaves. That may be an overestimate as the great weight is in the stalks. These sunflowers were on the river flat. Some that I noticed up along the Longview trail showed no trace of frost at that time, and I noticed plants at the Longview store that were entirely untouched by frost as late as September 25th.

And in this connection it might be stated that the silage will keep perfectly for several years and it would be practicable for a man with for instance a valuable dairy herd to keep a full year's supply in reserve as insurance against frost, drought, hail and other damages for which insurance he would merely pay the interest on his investment and upkeep and depreciation.

Now a word as to methods of seedling, cultivating, harvesting and ensiling and I shall have told all that I know. I am sorry that I cannot give any information on feeding based on personal experience but after our ensilage has been fed I shall be only too glad to pass on to anyone who may be interested whatever there may be of value in our experience.

The variety recommended is Russian Giant. There are two ways of seedling: drill and corn planter.

At Bozeman they conducted 8 experiments to find out best distance apart for rows trying them from 8 to 42 inches apart and seeding from 4 to 30 lbs. per acre.

Best results 36 inches apart and 5 lbs. per acre, when yield was 44 tons per acre.

At Strathmore they seeded 36 inches apart and 15 lbs. per acre and got 34½ tons.

On our own patch we seeded in 36 inch rows and used as I remember it about 8 or 10 lbs. per acre.

The best way is to try it out and to drop the seed 4 to 6 inches apart in

Xmas Gifts

Cameras, French Ivory, Ladies Purses
Latest Books, in all the latest reprints,
Dunhill Pipes, Djer Kiss Sets,
Fancy boxed Stationery,
Snap-shot, Waterman's Fountain Pens,
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Boy's Books, "Tom Swift" and "The Boy Allies"
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Cigars, Cigarettes, Xmas decorations, Etc.

Errett King

Druggist and Stationer

Imperial Hotel Block, Phone 102

VULCAN

ALBERTA

We used grain drill, making short, round plugs to stop up holes not to be used.

I was not satisfied because the drill did not plant them as evenly as was desirable. It would drop a few and then skip a foot and drop another bunch too close together.

I am going to look into the corn planter. I am told it will sow more evenly.

Could be planted in check rows with a corn planter but this method does not seem to be in favor.

Young plants are hardy. We seeded May 17th. In a forward spring earlier seeding would be desirable.

Young plants have two large leaves like a squash. High winds last spring whipped off some of the leaves leaving

nothing but the stem like a match but in many instances these grew new leaves.

Gophers are very destructive. If there is a gopher hole anywhere in the patch there will be a big bare circle around the hole 20 to 30 feet in diameter. Poison gophers.

At Manitoba Agricultural College they report sunflowers as 30 to 40 tons and peas and oats 9 to 10 tons.

The next step is cultivation. On a large patch a horse cultivator is a necessity. We used a 2-horse 2-row cultivator. It cost \$102.00 f.o.b. Calgary. Plants were about 5 to 6 inches high when we cultivated first time. I would cultivate just as early as the plants will stand it. Our first cultivation was July 8th and 9th and the (Continued on back page)



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Friends And Customers
A Merry Christmas
And
A Happy New Year

SUNFLOWER SILAGE
(Continued on page 3)

second July 19th and 20th, by which time plants were too high to permit any further cultivation.

There are three ways of cutting:—With an axe or hook; with a slanting knife on stone boat; With a corn binder. The latter is the only feasible method.

Corn binder cost \$225.00 and it took 4 days to cut the patch of 20 acres. It cuts one row at a time.

Low, flat top wagon for hauling in from field. We use bundle racks. As a good or better rig is 4x6 rigged on a running gear.

Cut as late as possible in this district. Seeds should be in milk or early dough stage. If cut earlier there is a great waste of juice which later would have been saved in form of a succulent pith.

Silage is not as good when plants are too juicy.

Frost damaged ours on August 28. If I had it to do over again I should be inclined to take chances on further delay if damage was not too serious. If frost is very severe cut immediately and get in silo before the plants wither and dry up. Total loss if they dry after frost.

Use any good ensilage cutter but be sure that it has a good blower. Pipe must be perpendicular. We used a machine with a 14 inch throat, which cost, with extra set of knives, \$261.20. We used a 10-20 gas engine

and had ample power. Some blower require more power than others.

Ensilage cutter can later be used to chop out bundles.

There should be two men in silo to tramp it.

It is very important to have the mass solid so as to exclude air. The silo is like a huge pressure jar. Any air will rot the silage for considerable distance around.

Our cutter would take the bundles as fast as two men could pitch them from wagons. Have extra set of knives. Fill up, let settle, and fill again. Hip roof, good.

The silo.—Stave, home made or ready made. Monolithic cement. Solid cement blocks. Hollow cement blocks. Hollow tile.

Ours is stave and ready made, cost \$900.00 f.o.b. Toronto. Put 6 ft. cement pit under it. Solo cost about \$1,800.00 in 1920. In normal years and without pit should be \$1,200.00 or less.

A 20x46 including pit will hold about 350 tons of settled silage.

Two smaller silos would be better but would cost more. Easier to handle and keep in order.

Where to locate.—Barn is natural place but must be near where sunflowers are grown. Ours is over a mile from the barn and is where sunflowers are grown and where ensilage is to be fed.

Feeding.—No question about its desirability as a feed for cattle and sheep and much could be said on that

but I do not propose to cover that part of the question at length.

For the dairy farmer it is not merely a desirable thing, it is a necessary thing if the crop to fill it can be grown. Dairymen should have it even if they fill with peas and oats.

I am interested in a feed for beef cattle and results elsewhere have indicated that it is probably as equally desirable for them as for dairy cattle.

Full feed is 35 to 40 lbs. for a grown animal.

For calves 10 to 25 lbs., depending on age.

I am planning this winter to feed calves in conjunction with nearly ripe chopped out bundles. Have built feed tables 4x14. I plan to grow alfalfa if possible so as to have for the young stock a feed rich in protein and shall feed chopped out bundles also.

As to value.—When alfalfa is selling for \$28.00 a ton silage is worth \$10.00 a ton. Alfalfa \$20.00, silage \$7.00. At that rate our silo costing at the peak of values \$1,800.00 would hold feed worth over \$2,000.00.

In 1919 the experiment at the Scott, Sask., experimental station, showed value of \$13.82 per ton. That seems high, but at that rate a 16x30 silo holding 120 tons would contain feed worth \$1,800.00. Such a silo was worth last summer \$585.00 f.o.b. Toronto.

No harm has been observed in feeding frozen silage. Was fed at Lacombe Experimental Station; they fed at 35 degrees below zero and steers made cheaper gains than a similar bunch fed out sheaves. They fed 30 to 45 lbs. per day with a small amount of roughage such as oat sheaves. On cold days feed only an amount which will be cleaned up at the time.

We are planning to use for feeding a low truck with 26x30 inch wheels underneath a wide box.

Is nearest known feed to green grass. Said to be very fine for cows calving before they get grass.

Enables farmers to carry double the amount of stock per acre.

A Lacombe it was found to reduce cost of butter 25 per cent. as compared with green feed.

2.8 lbs. of silage is equal to 1 lb. of alfalfa hay by test, but we can in this district get only perhaps 6 or 7 tons of green weight of alfalfa as compared with 30 to 40 tons of sunflowers.

And alfalfa is a tricky crop in this district.

My information for feeding of ensilage comes, as I have before stated, not from my own experience but from the published records of Experimental Stations and Agricultural Colleges. These records are of course available to any one who wants to send for them. I would mention particularly among the many: "Silo Construction and Ensilage Production," Manitoba Agricultural College; "Silos and Silage Crops," C.P.R. Natural Resources Department; "The Pit Silo," Agricultural Extension Department, I.H.C. Building, Chicago; "Growing and Feeding Sunflowers in Montana," University of Montana, Bozeman, Montana.

A study of these and others and the many press articles now appearing will make anyone who is interested to make up his own mind as to whether or not the growing and ensiling of sunflowers is desirable for his needs.

WANT RAILROAD COMPLETED
NEXT SPRING

Claiming that the increase in freight rates alone has cost the Majorville and Milo district the sum of \$100,000 alone this season, and feeling that this sum should warrant the C.P.R. in going ahead with the completion of the line between Lomond and Blackie, farmers of the district are now circulating a petition and expect to secure over 500 signatures asking that the road be completed as soon as possible in the spring. It is claimed that the district has produced over one and a half million bushels of wheat this season; and the freight on this immense crop warrants the expenditure to finish the uncompleted portion from Lomond to the Aldersville-Lethbridge line.

The farmers behind the movement claim that they went into the district on the understanding that the line would be completed right away, as it had been surveyed and approved. When war broke out they did not complain about the cessation in construction, but they feel their demand is just and only proper. This rich territory lies to the south of Cluny and Passano and north of Lomond, with Blackie the nearest point to the west of it. Distances to haul grain at

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present are 25 miles to Bassano, 20 to Lomond, and 20 to Cluny. This necessitates a two-day haul, involving board and lodgings for man and team over-night at shipping point, and the farmers argue this means a cost of at least 15 cents per bushel extra. A total of \$22,500 has been lost to farmers in this long hauling, and they consider they have a very proper claim that, had the railroad kept faith, the sum would have been theirs to help make up for the other increases in cost of production.

While deeply gratified with the splendid crop, the grain growers point to the exceptional outlays this year, such as \$2.50 seed, labor during seeding costing \$75.00 with board, per month; stooking \$6.50 and board per day, while threshing cost from 20 to 25 cents per bushel, all found. The rate common through Alberta for hauling wheat is one cent per bushel per mile, with oats and barley in proportion, and apart from the outlay it is contended that much fall work has been held up owing to the teams and tractors having to be used for hauling to secure cash to cover outlays in wages, interest and payment on loans.

Many of the farmers, realizing the possibilities of delayed threshing through an early winter like last year, undertook to purchase threshing outfits with such a fine crop in sight and wheat around \$2.70, only to find to day that track prices are around \$1.70 and \$1.80. With such heavy obligations to meet they feel the pinch of every extra outlay, and are determined to bring their claim with weight before the C.P.R.

It is stated that there is much desirable and highly fertile land only waiting for the railroad's completion till it is placed under cultivation; the owners refusing to isolate themselves from railroad points as at present. With all the crop records supporting them the farmers say they have never had a crop failure in their district, and during the past 12 years have averaged 30 bushel per acre on summerfallow with averages of 40 on fallow land throughout the district for four of these years.

This year E. C. Barnes, of Milo, threshed 30,000 bushels of oats from 280 acres of breaking, 240 acres of stubble and 580 acres of summerfallow. He declares that owing to many circumstances, few, if any, of the farms have been cultivated as they should have been, and contends that, given proper treatment, his district will average much higher than in the past. He, with many others, feel that these facts have only to be brought before the C.P.R. and, supported by the monster petition now being circulated, the officials can have no alternative but to finish the construction and link up the loose ends of the railroad.

ESTRAY

ESTRAY—\$10.00 Reward will be paid for the recovery of cattle branded .DH on left ribs and horses branded on left thigh. Mrs. J. H. Chandler, Nanton, Alta.

FOR SALE

FOR SALE—640 acres good steam plow wheat land, free from rock, only 2 miles from Blackie. Price \$35.00 per acre. Very liberal terms. Investigate this, it's a snap. Write wire or phone Jas. Cuthbertson, Nanton, Phones 68 or 92; P.O. Box 115. Dec. 1 12p

FOR SALE—Pure Bred Rose Comb Rhode Island Red Cockerels from Missouri, prize stock, \$4 and \$5. Also Bronze Turkeys, Toms \$6.00, Hens \$4.00. Apply Mrs. W. C. Lyle, Gleichen, Alta., Phone 908. Dec. 14p

CAR FOR SALE—D 45 Special Six McLaughlin Touring Car, in excellent shape, cord tires on rear. Price, including spare tire and tools, \$1800.00 cash. No trades considered. This is a bargain and money talks. J. E. Hanson, Barons, Alta. 15t2c

OATS—For Sale at Eastway. Phone 29. Mrs. Chandler, Nanton, Alta.

FOR SALE—One pure bred Duroc Jersey Sow. Apply J. A. Gardner, Phone 31, Vulcan. Dec. 15t1c

TURKEYS—For sale 35 head of Breeding and Table Turkeys, also Pure Bred White Wyandotte Chickens, good layers. H. Lundgren, Phone 1005, Vulcan. Dec. 15t2c

NOTICE

Trespassing on the following lands is strictly forbidden: East half of Section 21; North half of Section 16; All of Section 15; All of Section 11; North half of Section 2; South half of Section 14; North-West of Section 14; All of Section 23; North-East of Section 24. All in Township 18; Range 24.

W. G. PETERSON,
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FOUND—On December 18th, a small pig. Owner may have same by paying expenses and proving property. Apply to F. T. Graham, 1 mile and a half north of Vulcan. Dec. 22t3p

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